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ATTORNEY DOCKET NO. 3495.0294-01  
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**Mail Stop Patent Application**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

New U.S. Patent Application

Title: Multidrug Resistance Proteins in Drosophila  
and Anopheles

Inventors: Charles W. Roth, Paul T. Brey,  
Ingle Holm, Marine Grailes and Andrey Rzhetsky

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 86 pages, including 4 independent claim(s) and 11 claims total.
2. Drawings- 9 sheets of drawings (Figures 1-6).
3. The filing fee is calculated as follows:

Basic Application Filing Fee					\$770	\$ 770.00
	No. of Claims		Basic	Extra Claims		
Total Claims	11	-	20	0	x \$18	0
Independent Claims	4	-	3	1	x \$86	86.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$290	0
Subtotal						\$ 856.00
Reduction by 1/2 if small entity						- 0
TOTAL APPLICATION FILING FEE						\$ 856.00

**No fee is enclosed at this time.**

This application is a continuation-in-part of prior Application No. 10/667,891, filed September 23, 2003. This application is being filed under the provisions of 37 C.F.R. § 1.53(b).

Applicant claims the right to priority based on Provisional Patent Application No. 60/143,469, filed on September 26, 2002.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
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1300 I Street, N.W.  
Washington, D.C. 20005-3315

This application will be completed in accordance with 37 C.F.R. § 1.53(f) upon receiving a Notice to File Missing Parts of Application.

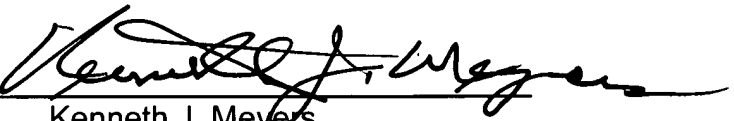
Please accord this application an application number and filing date.

The Commissioner is hereby authorized to charge any additional fees due and any other fees under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: March 24, 2004

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